PATENT



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Shozo KOYAMA et al.

Group Art Unit: 1641

Serial Number: 09/881,664

Examiner: M. Ceperley

Filed: June 18, 2001

For: ANTIGENIC SUBSTANCE INDUCTOR, VACCINE PRECURSOR, VACCINE, ANTIBODY, NEUTRALIZING ANTIBODY, ANTITOXIN, IDIOTYPE

ANTIBODY AND/OR ANTI-IDIOTYPE ANTIBODY WHICH IS INDUCED BY

ITS IDIOTYPE ANTIBODY

## UNDER 37 C.F.R. §1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

March 5, 2003

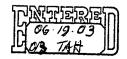
Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449.

One copy of each of the listed documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following

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filing of the above-captioned application.

Please note that documents UA, UE, FA to FD were cited in an Office Action in a counterpart Japanese patent application.

No explanation of the relevance of documents UA to UF is believed to be required under 37 C.F.R. §1.98 because the documents are in English.

Documents FA to FE are not in the English language. However, please note that documents UB to UD are U.S. counterparts of document FA, and document UF is a U.S. counterpart of document FD. Also, an English abstract of each of documents FB, FC and FE is submitted herewith. Therefore, the concise explanation of the relevance of these documents required under 37 C.F.R. §1.98 is believed to be satisfied.

Please note that document FE was cited in the International Search Report during the international stage of the parent application of the present application (a copy of the search report is attached hereto). The relevance of document FE is also discussed in the International Search report. Please also note an Examiner's obligation to consider documents cited in an

U.S. Patent Appln. S.N. 09/881,664 INFORMATION DISCLOSURE STATEMENT

PATENT

International Search Report according to the provisions of MPEP \$1893.03(g).

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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KTK/sb

Attachments: PTO-1449

11 Documents

International Search Report

## Atty. Docket No. Serial No. AMN-003-002 09/881,664 INFORMATION DISCLOSURE STATEMENT Applicant: Shozo KOYAMA et al. PTO-1449 Filing Date: Group: June 18, 2001 1641 U.S. PATENT DOCUMENTS Examiner's Document No. Date Name Class Sub Filing Date If appropriate Class Initial 260 335 UA 4,081,458 03/28/78 Flaugh Schulte-Elte et al. 252 522 UB 4,147,672 04/03/79 Schulte-Elte et al. 252 174.11 UC 4,264,467 04/28/81 252 522 R UD 4,289,659 09/15/81 Schulte-Elte et al. 807 12/08/92 568 UE 5,169,993 Briner 549 546 UF 5,200,535 04/06/93 Briner UG FOREIGN PATENT DOCUMENTS Translation Yes/No/Partial Country Examiner's Document No. Date Initial JР No FA 50-105841 A 08/20/75 JP Abstract FB51-105038 A 09/17/76 Abstract FC 603 071 A 08/15/78 CHFD4-316531 A 11/06/92 JP No 08/26/97 Ъ **Abstract** FE 9-221421 A FFFG OTHER DOCUMENTS Examiner's Initial DA DB DC Date Considered: Examiner:

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